

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
							RECEIVED
							OCT 26 2000
							TECH CENTER 1600/25

[illegible]

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
JA	1.	Li et al., Delivery of a PCR amplified DNA fragment into cells: a model for using synthetic genes for gene therapy , <i>Gene Therapy</i> 4:449-454 (1997)
JA	2.	Skyes, et al., Linear expression elements: a rapid, in vivo, method to screen for gene functions , <i>Nature Biotechnology</i> 17:355-359 (1999)

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GTSYS.003AAPPLICATION NO.
09/535,262INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Liang et al.FILING DATE
March 23, 2000GROUP
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JK	4,897,355	01/30/90	Eppstein et al.	435	240.2	
	5,459,127	10/17/95	Felgner et al.	514	7	
	5,561,053	10/01/96	Crowley	435	69.1	
JK	5,621,080	04/15/97	Lin	530	350	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JK	1.	Almarsson, et al., "Peptide nucleic acid (PNA) conformation and polymorphism in PNA-DNA and PNA-RNA hybrids," <i>Proc. Natl. Acad. Sci. USA</i> 90:9542-9546 (1993)
	2.	Bentin, et al., "Enhanced Peptide Nucleic Acid Binding to Supercoiled DNA: Possible Implications for DNA "Breathing" Dynamics," <i>Biochem.</i> 35:8863-8869 (1996)
	3.	Demidov, et al., "Stability of peptide nucleic acids in human serum and cellular extracts," <i>Biochem. Pharmacology</i> 48(6):1310-1313 (1994)
	4.	Demidov, et al., "Kinetics and mechanism of polyamide ("peptide") nucleic acid binding to duplex DNA," <i>Proc. Natl. Acad. Sci. USA</i> 92:2637-2641 (1995)
JK	5.	Egholm, et al., "Recognition of Guanine and Adenine in DNA by Cytosine and Thymine Containing Peptide Nucleic Acids (PNA)," <i>J. Am. Chem. Soc.</i> 114:9677-9678 (1992)

EXAMINER

J. M. C. Ems

DATE CONSIDERED

1/4/01

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Liang et al.	
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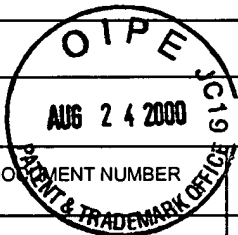
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	6.	Egholm, et al., "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules," <i>Nature</i> 365:566-568 (1993)
	7.	Egholm, et al., "Efficient pH-independent sequence-specific DNA binding by pseudoisocytosine-containing bis-PNA," <i>Nucleic Acids Research</i> 23(2):217-222 (1995)
	8.	Fakhfahk, et al., "Cell-free cloning and biolistic inoculation of an infectious cDNA of potato virus Y," <i>J. of Gen. Virology</i> 77:519-523 (1996)
	9.	Felgner, et al., "Nomenclature for Synthetic Gene Delivery Systems," <i>Human Gene Therapy</i> 8:511-512 (1997)
	10.	Griffith, et al., "Single and Bis Peptide Nucleic Acids as Triplexing Agents: Binding and Stoichiometry," <i>J. Am. Chem. Soc.</i> 117:831-832 (1995)

EXAMINER 	DATE CONSIDERED 4/4/01
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	11.	Higuchi, R., "Recombinant PCR," <i>PCR Protocols: A Guide to Methods and Applications</i> New York Academic Press p. 177-183 (1990)
	12.	Ido, et al., "Construction of T-Tailed Vectors Derived from a pUC Plasmid: a Rapid System for Direct Cloning of Unmodified PCR Products," <i>Biosci. Biotech. Biochem.</i> 61(10):1766-1767 (1997)
	13.	Nielsen, et al., "Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide," <i>Science</i> 254:1497-1500 (1991)

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